

DOCUMENT DESCRIPTION	Mre: Evaluation of "Long Sam" <i>by NPIC</i>	REGISTRY
SOURCE		CIA CONTROL NO.
Ops Staff/NPIC		TS-159174-62
DOC. NO.		DATE DOCUMENT RECEIVED
DOC. DATE 14 Dec 62		LOGGED BY
COPY NO. 3 of 4		
NUMBER OF PAGES 2		
NUMBER OF ATTACHMENTS		

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14 December 1962

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MEMORANDUM FOR: AFCIN-1C4
ATTENTION: Major F. B. Stanford
SUBJECT: Evaluation of "Long Sam" by NPIC

1. The following information is submitted in response to your AFCIN-1C4 message 3-12-17, dated 3 December 1962.

2. The evaluation of the photography is done in two sections, the first dealing with the over-all systems capability and the second with the processing subsequent to take. Since there was no significant intelligence extracted from this material there is not, as a part of this memorandum, a P.I. readout.

System Evaluation:

The major degrading aspect of this photography was that of image motion which seemed to be present to some extent in the majority of the film. Image motion is present in line-of-flight as shown in part 62-130, frame 117; perpendicular to the line-of-flight, as in part 62-130, frame 120. Other angular image motion relationships could also be observed. In general, contrast throughout the film on both 62-130 and 62-136 was very low. The data block of part 62-130 was light but legible; that of part 62-136 was so light that it was hardly discernible. Graininess of the film also detracted from its use in photo interpretation. Film scratches, static (dendritic and linear) also detracted from its value.

Processing Evaluation:


Very evident throughout both part 62-130 and 62-136 were mottling and water spots. These were more evident in 62-130 than in 62-136. In addition, uneven development was indicated by vertical density banding

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which for example is evident in frames 27-50 of part 62-130. A change in processing is quite evident in frame 118 of part 62-136, showing a transition from light to a heavier density. Developer streaking was present in frames 103 and 104 along the titled edge. Blisters, emulsion gouges -- some had a spacing of 6.3" indicating the use of a 2" roller which lifted the emulsion, scratches on the base and emulsion also were present. Numerous examples of possible foreign matter embedded in the base/emulsion of the original negative could also be observed.

3. Since the transmission of Top Secret documents through CIA channels to military organizations overseas is extremely difficult, it is requested that AFCIN furnish USAFE with a copy of this evaluation.


Deputy Asst. for Operations, NPIC

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